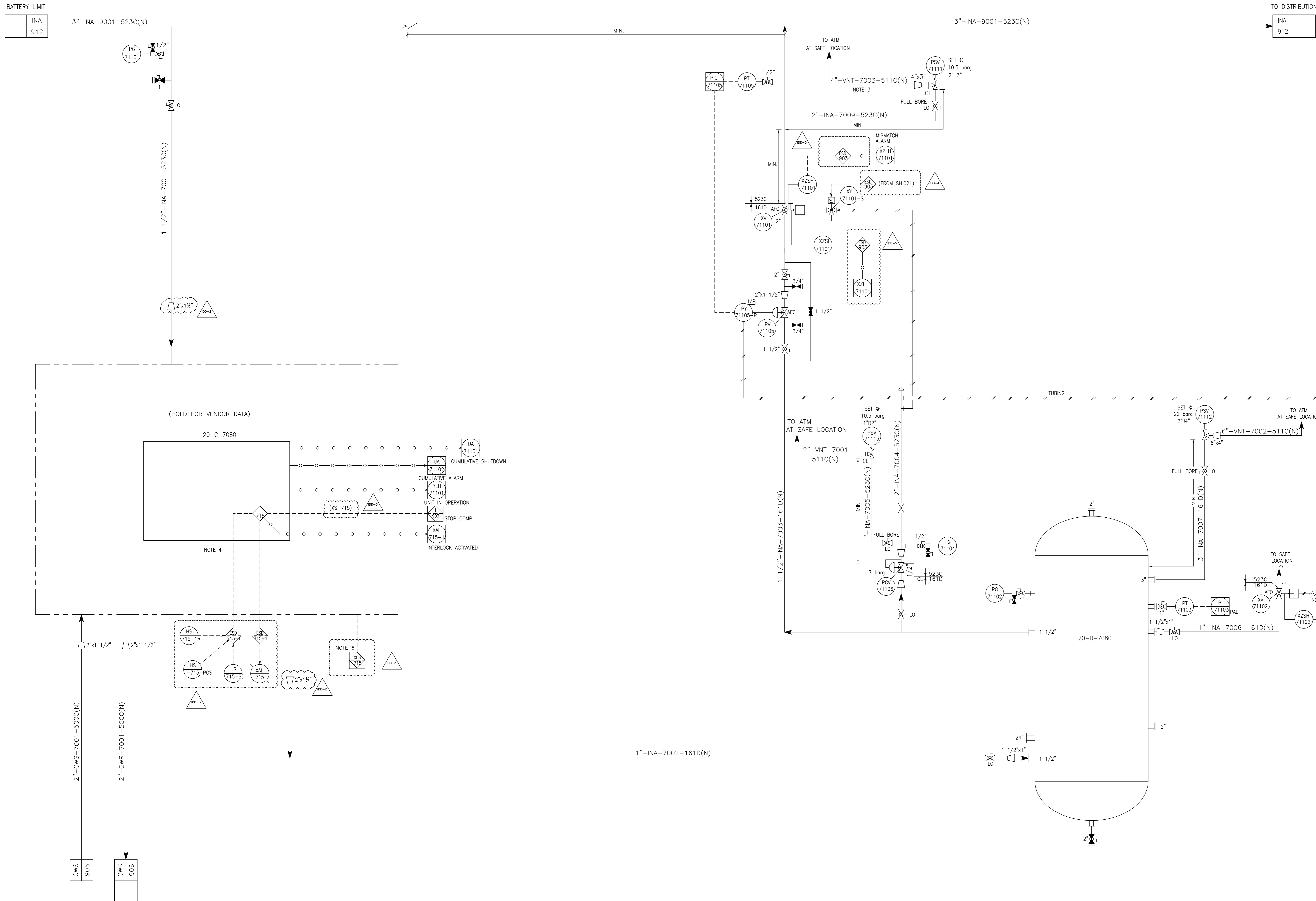


20-C-7080
EMERGENCY INSTRUMENT AIR COMPRESSOR

TYPE : RECIPROCATING
DESIGN FLOWRATE : 50 Kg/h
SUCTION PRESS. : 6-7.5 barg
DISCHARG PRESS. : 20 barg
MATERIAL : CARBON STEEL (CASING)
DESIGN BASIS : -

20-D-7080
INSTRUMENT AIR HOLDER

WIDTH x HEIGHT : Ø 2100mm/H. 7600mm.
VOLUME : 26.3 m³
DESIGN PRESS. : 22 Barg
DESIGN TEMP. : 85°C
MATERIAL : CARBON STEEL
MISC. LINE NO : INA-7008-161D(N)



GENERAL NOTES

- VOID
- BLACK NYLON MELTING CONNECTION CLOSE TO 20-D-7080 BOTTOM
- PSV -71111 TO BE LOCATED AT MIN. DISTANCE FROM PV -71105.
- COMPRESSOR STARTS BY MEANS OF A LOW-PRESSURE SWITCH ON DELIVERY PIPE AND STOPS WHEN HIGH PRESSURE REACHS THE REQUIRED PRESSURE TO BE SUPPLIED BY VENDOR.
- SIZE OF ALL CONTROL VALVES PSVS AND INLET/OUTLET LINES OF PACKAGES ARE HOLD AND WILL BE FINALIZED LATER BASED ON THE VENDOR'S DATA.
- TIME SYNCHRONIZATION SIGNAL

HOLD FOR:
- 20-C-7080

REFERENCE DRAWINGS

P&ID FOR ABBREVIATIONS AND SYMBOLS D-000-PR-LGD-011-018

DWG.No.

KEY PLAN



Rev-05-IDD-6

05.19.01.2021	APPROVED FOR CONSTRUCTION (WITH HOLD)	S.T.	A.A.	M.S.	-
04.12.10.2020	ISSUED FOR APPROVAL	S.T.	A.A.	M.S.	-
03.09.05.2020	ISSUED FOR APPROVAL	S.T.	A.A.	M.S.	-
02.23.12.2015	ISSUED FOR CONSTRUCTION (WITH HOLD)	R.G.	S.R.	D.Z.	A.K.

OWNER:	MC:	CONTRACTOR:

PROJECT: BUSHEHR PETROCHEMICAL COMPANY
MEG PLANT

DRAWING TITLE: PIPING & INSTRUMENT DIAGRAM
FOR INSTRUMENT AIR BUFFER DRUM

CONTRACT NO.	SCALE	SIZE	CLASS	PHASE				
52-98/445	N.T.S.	A0	1	DE				
DOCUMENT NO.	PROJECT	AREA	UNIT	DIS.	DOC.	SEQ.	SHEET	REV. NO.
OWNER DOC. NO.:	BU	20	D	700	PR	PID	711	1 OF 1

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